

REMARKS

Applicant has filed an Information Disclosure Statement herewith.

Claims 12, 13, 15 and 16 are rejected under 35 U.S.C. 102(b) as being anticipated by Suzuki et al. (US 5,544,000). The features of claim 12 have been added to claim 1, which the Examiner has indicated was allowable. Therefore, dependent claims 13, 15 and 16 are also allowable.

Claims 12, 14 and 16 are rejected under 35 U.S.C. 102(e) as being anticipated by Wayama et al. (US 6,701,892). The features of claim 12 have been added to claim 1, which the Examiner has indicated was allowable. Therefore, dependent claims 14 and 16 are also allowable.

Newly cited Hülsmann (US6107713) discloses a drive assembly including an electric motor 10 and a transmission 11 driven by the electric motor 10 (column 2, lines 42-50). A control unit 2 for controlling motor/transmission combination includes a housing engageable with a plug-in connection part 114 for connecting the electric motor 10 with an electric power supply (column 3, lines 7-14). The control unit 2 includes a magnetic sensor 220 that cooperates with a magnetic wheel 103 positioned on a shaft end of the electric motor 10. The magnetic sensor 220 includes two Hall sensors mounted on a printed circuit board 22 (column 3, lines 22-31). Hülsmann does not disclose that the magnetic sensor 220 is offset relative to a plane defined by the printed circuit board 22 and that the magnetic sensor 220 is fitted with connection tabs that offset the magnetic sensor 220.

Newly cited JP-A-2001 251808 discloses a motor 1 including a removable connector 26 and a magnet 11. The connector 26 includes a substrate 28 on which Hall elements 29 are disposed. The Hall elements 29 are substantially in a plane of the substrate 28. As shown in Figure 7(b), the Hall elements 29 are fixed against the substrate 28, and not offset relative to the plane of the substrate 28.

Thus, claims 1-5, 9-11, 13, 15 and 17 are in condition for allowance. No additional fees are seen to be required. If any additional fees are due, however, the Commissioner is authorized to charge Deposit Account No. 50-1482, in the name of Carlson, Gaskey & Olds, P.C., for any additional fees or credit the account for any overpayment. Therefore, favorable reconsideration and allowance of this application is respectfully requested.

Respectfully Submitted,

CARLSON, GASKEY & OLDS, P.C.

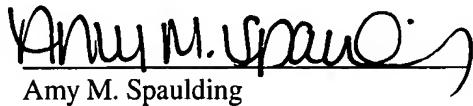


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CERTIFICATE OF MAIL

I hereby certify that the enclosed response is being deposited with the United States Postal Service as First Class Mail, postage prepaid, in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on July 24, 2006.



Amy M. Spaulding